

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101718\
 Data File : VX005385.D
 Acq On : 17 Oct 2018 11:18
 Operator : JC/MD
 Sample : J5538-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TKDSLUDGE

Quant Time: Oct 17 16:39:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	292102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	389681	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	353768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	180698	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	158217	48.80	ug/l	0.00
Spiked Amount			Recovery	=	97.60%	
35) Dibromofluoromethane	5.50	113	129655	50.24	ug/l	0.00
Spiked Amount			Recovery	=	100.48%	
50) Toluene-d8	8.71	98	472466	53.32	ug/l	0.00
Spiked Amount			Recovery	=	106.64%	
62) 4-Bromofluorobenzene	11.14	95	160940	48.35	ug/l	0.00
Spiked Amount			Recovery	=	96.70%	

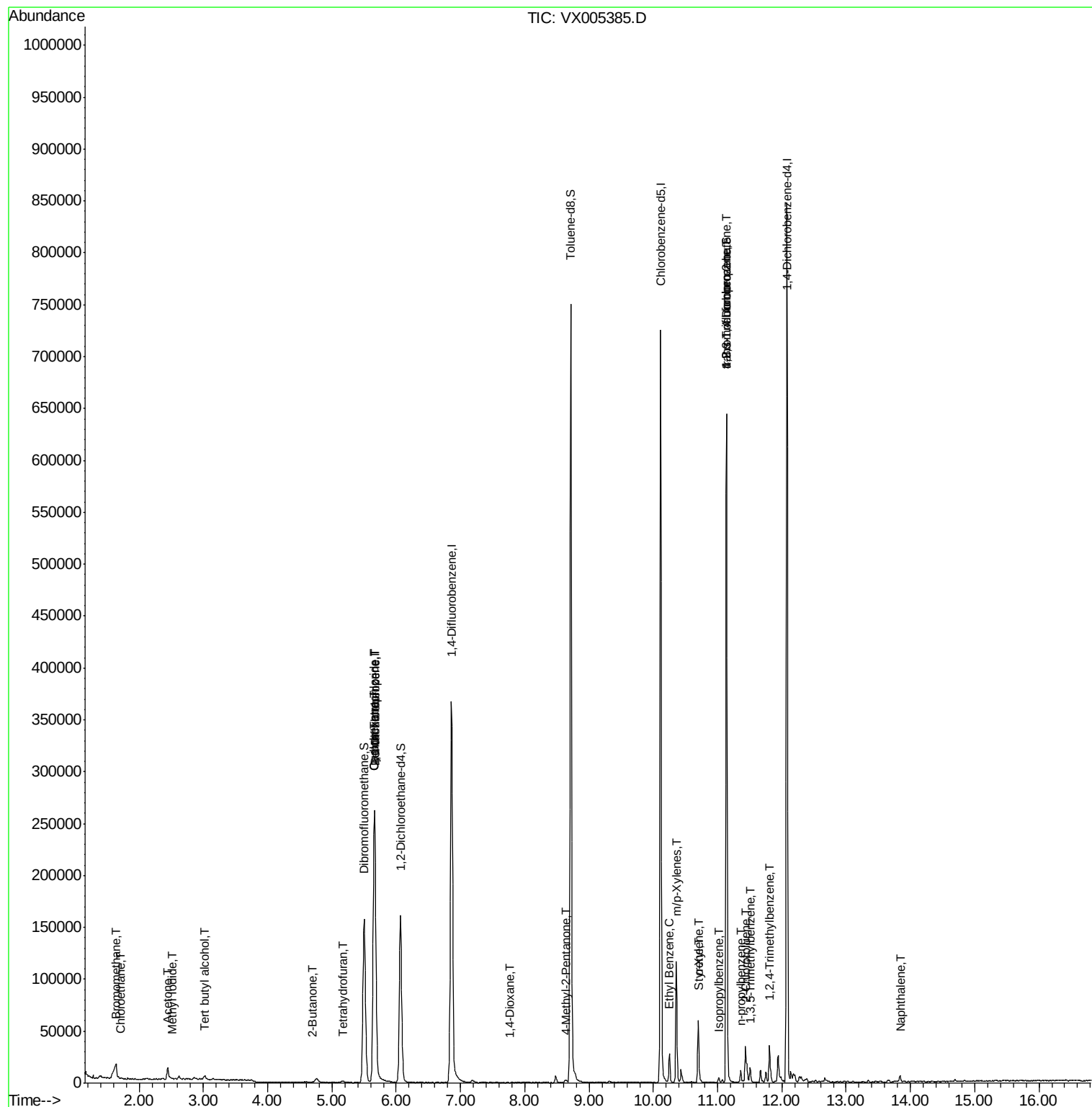
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	701	0.95	ug/l #	76
6) Chloroethane	1.70	64	63	0.36	ug/l #	44
10) Methyl Iodide	2.51	142	578	2.68	ug/l #	83
11) Tert butyl alcohol	3.01	59	3004	3.28	ug/l #	78
13) Acrolein	2.30	56	87	Below	Cal #	16
16) Acetone	2.45	43	12311	6.57	ug/l	98
20) Methylene Chloride	2.87	84	605	Below	Cal #	74
25) 2-Butanone	4.70	43	1587	0.58	ug/l	93
29) Tetrahydrofuran	5.17	42	1476	0.84	ug/l #	82
31) Cyclohexane	5.65	56	4992	1.12	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	19480	5.16	ug/l #	50
38) Carbon Tetrachloride	5.65	117	25467	6.72	ug/l #	15
44) Trichloroethene	7.21	130	115	Below	Cal	90
49) 1,4-Dioxane	7.77	88	20	0.26	ug/l #	1
51) 4-Methyl-2-Pentanone	8.65	43	1333	0.30	ug/l	87
67) Ethyl Benzene	10.25	91	15923	1.30	ug/l	99
68) m/p-Xylenes	10.36	106	28590	6.02	ug/l	98
69) o-Xylene	10.70	106	12237	2.67	ug/l	95
70) Styrene	10.71	104	5585	0.74	ug/l #	73
73) Isopropylbenzene	11.02	105	2510	0.23	ug/l	98
76) 1,2,3-Trichloropropane	11.14	75	78843	22.49	ug/l #	37
78) n-propylbenzene	11.36	91	6522	0.53	ug/l	97
79) 2-Chlorotoluene	11.43	91	3401	0.45	ug/l #	44
80) 1,3,5-Trimethylbenzene	11.51	105	5610	0.61	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.14	75	78843	68.35	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	15343	1.62	ug/l	97
95) Naphthalene	13.83	128	3260	0.26	ug/l	96

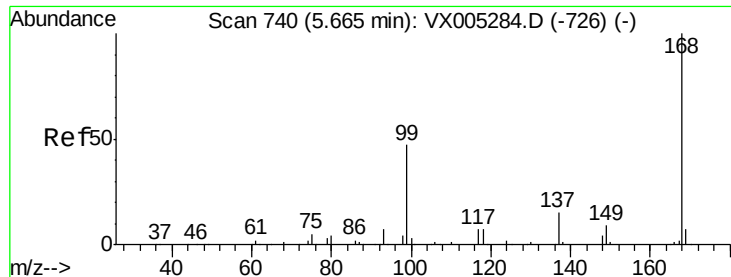
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX005385.D

Acq: 17 Oct 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

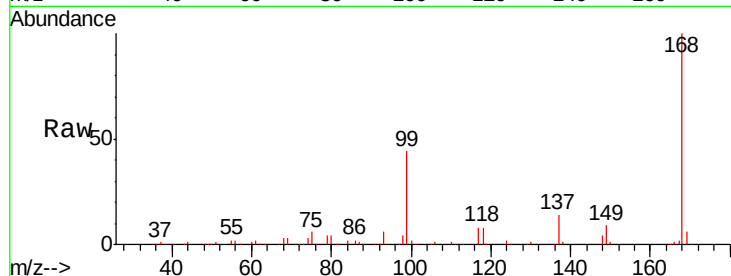
TKDSLUDGE

Tgt Ion:168 Resp: 292102

Ion Ratio Lower Upper

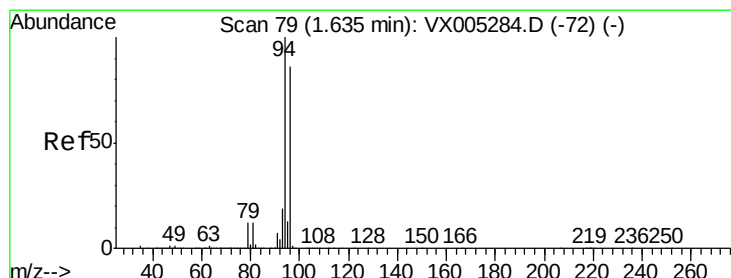
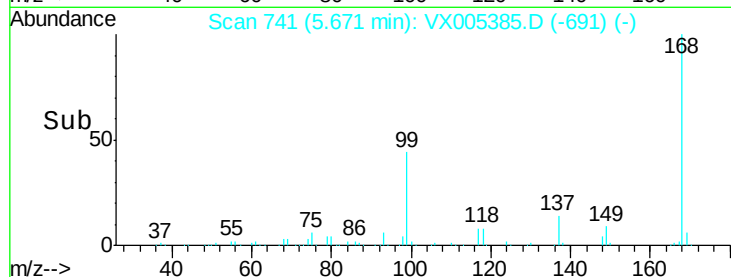
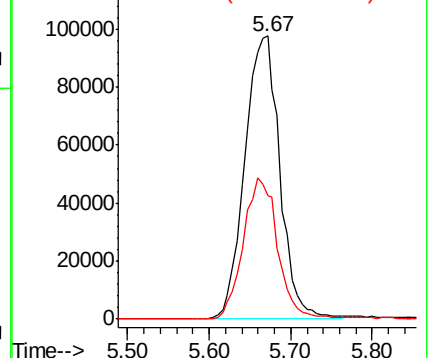
168 100

99 43.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.95 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005385.D

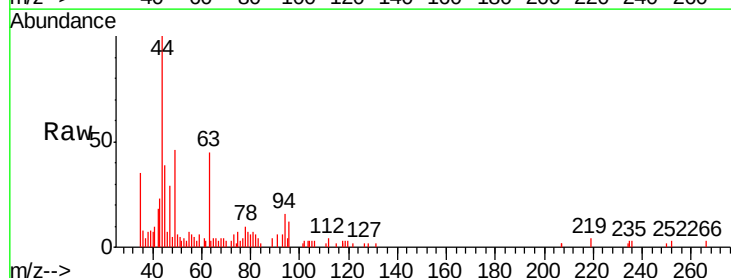
Acq: 17 Oct 2018 11:18

Tgt Ion: 94 Resp: 701

Ion Ratio Lower Upper

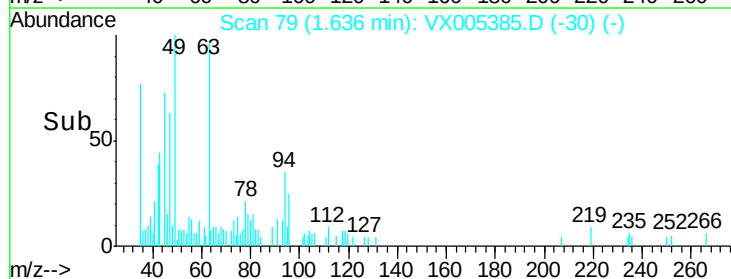
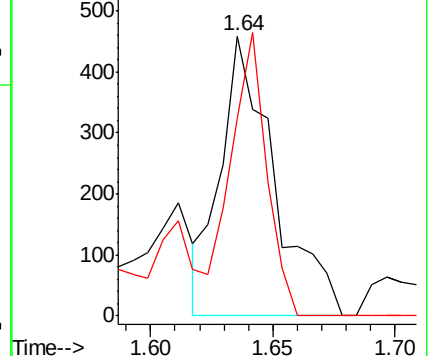
94 100

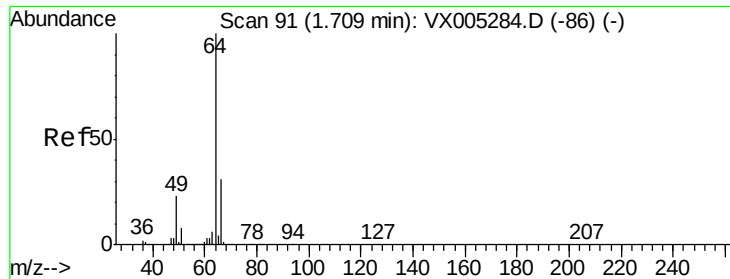
96 70.4 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.36 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX005385.D

Acq: 17 Oct 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

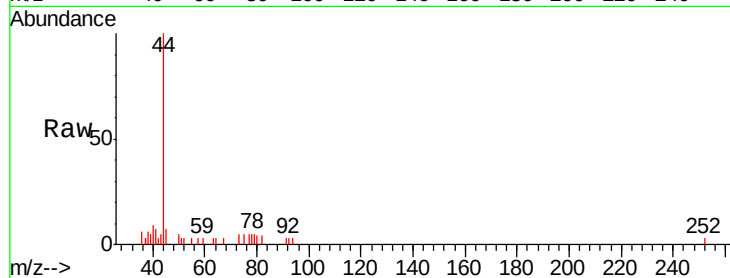
TKDSLUDGE

Tgt Ion: 64 Resp: 63

Ion Ratio Lower Upper

64 100

66 0.0 24.6 36.8#



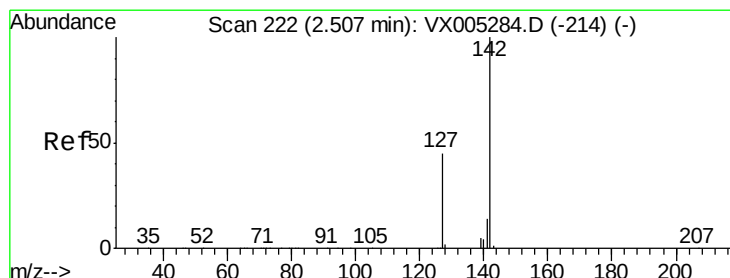
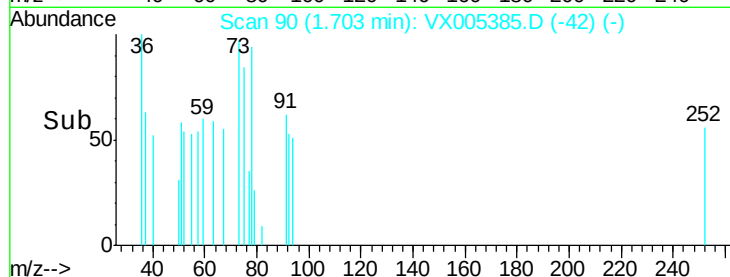
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

1.68 1.70 1.72

Time-->



#10

Methyl Iodide

Concen: 2.68 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX005385.D

Acq: 17 Oct 2018 11:18

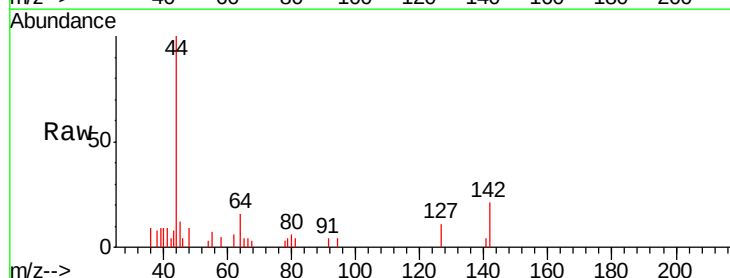
Tgt Ion: 142 Resp: 578

Ion Ratio Lower Upper

142 100

127 53.8 33.8 50.6#

141 9.2 11.4 17.0#



Abundance Ion 141.80 (141.50 to 142.50): V

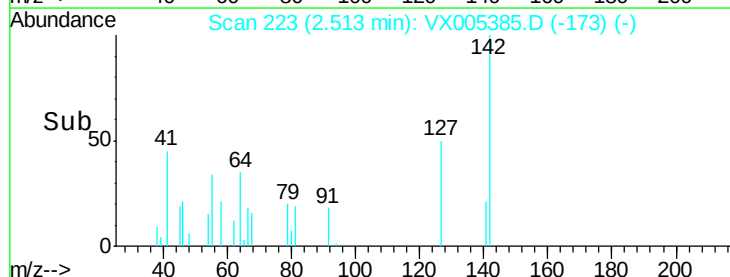
Ion 126.80 (126.50 to 127.50): V

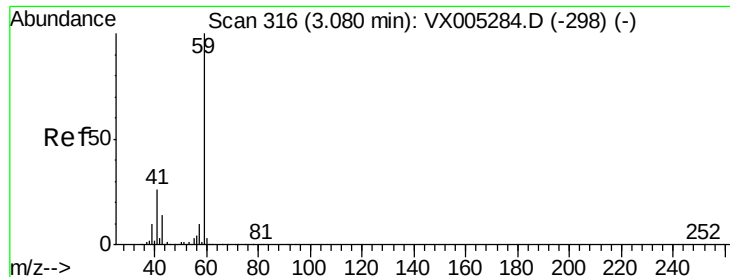
Ion 140.80 (140.50 to 141.50): V

2.51

2.45 2.50 2.55

Time-->





#11

Tert butyl alcohol

Concen: 3.28 ug/l

RT: 3.01 min Scan# 305

Delta R.T. -0.07 min

Lab File: VX005385.D

Acq: 17 Oct 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

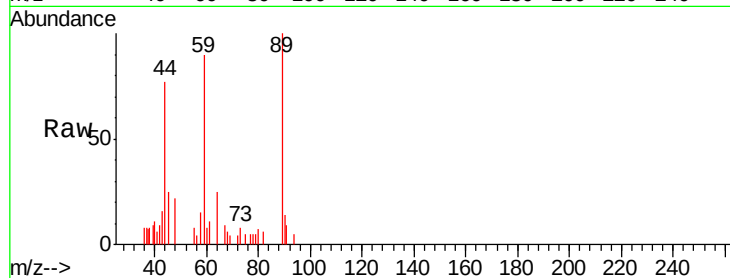
TKDSLUDGE

Tgt Ion: 59 Resp: 3004

Ion Ratio Lower Upper

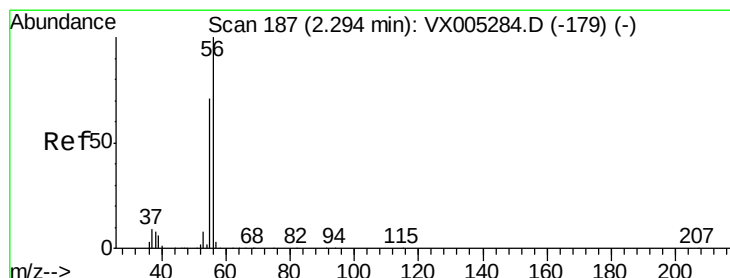
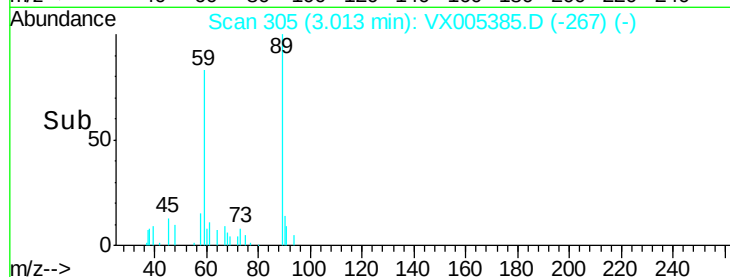
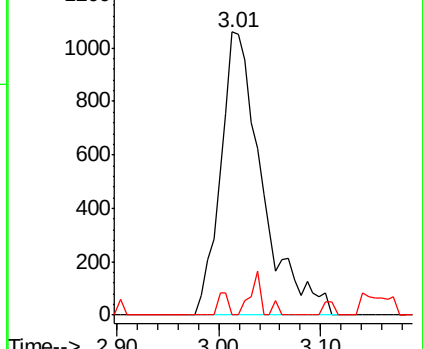
59 100

57 2.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#13

Acrolein

Concen: Below Cal

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX005385.D

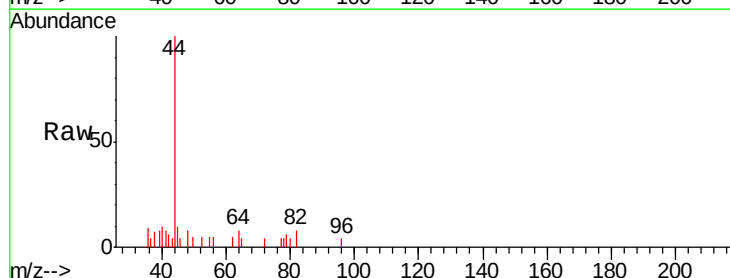
Acq: 17 Oct 2018 11:18

Tgt Ion: 56 Resp: 87

Ion Ratio Lower Upper

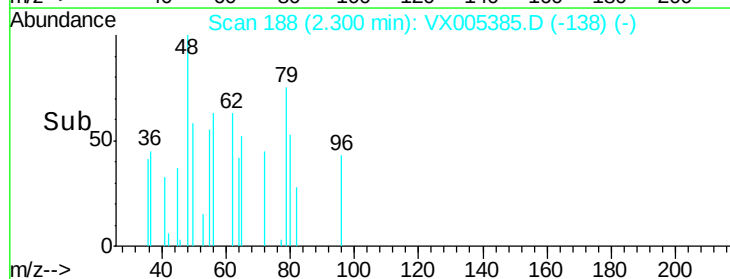
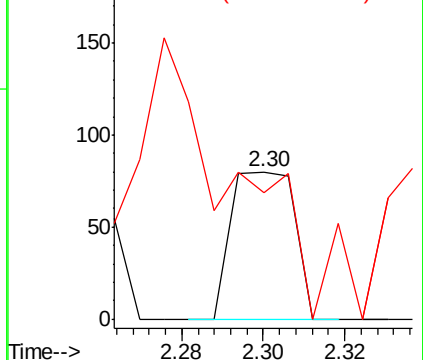
56 100

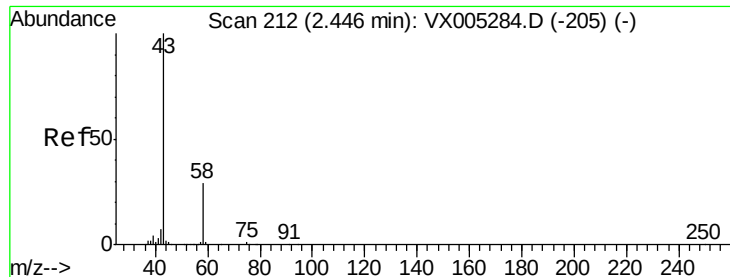
55 0.0 54.7 82.1#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 6.57 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005385.D

Acq: 17 Oct 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

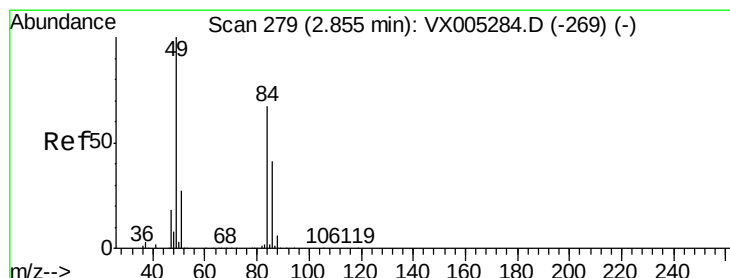
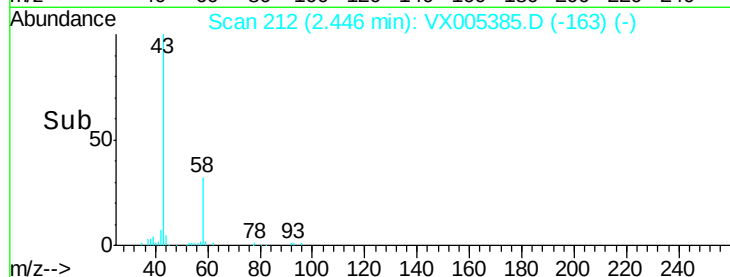
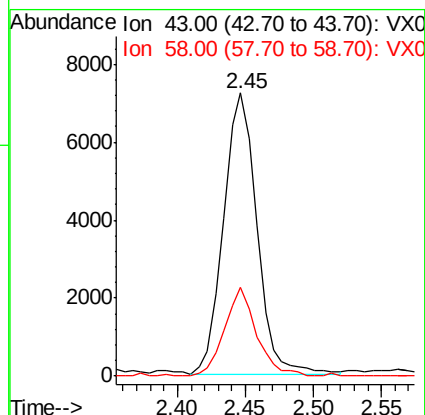
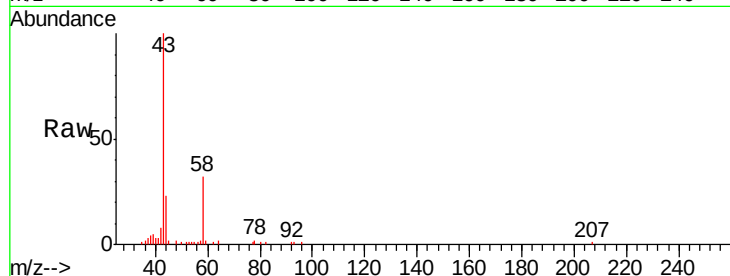
TKDSLUDGE

Tgt Ion: 43 Resp: 12311

Ion Ratio Lower Upper

43 100

58 31.8 26.2 39.4



#20

Methylene Chloride

Concen: Below Cal

RT: 2.87 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX005385.D

Acq: 17 Oct 2018 11:18

Tgt Ion: 84 Resp: 605

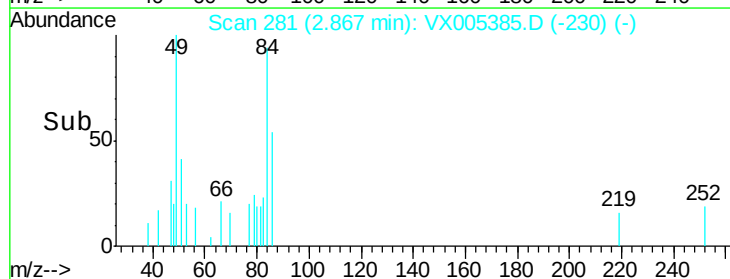
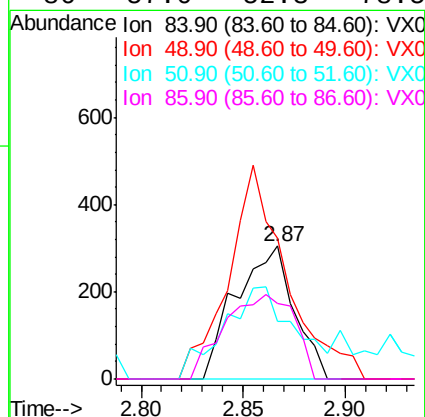
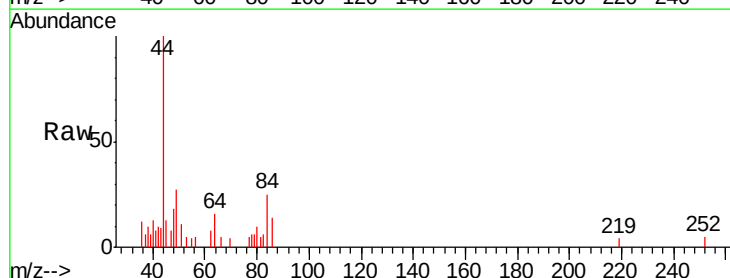
Ion Ratio Lower Upper

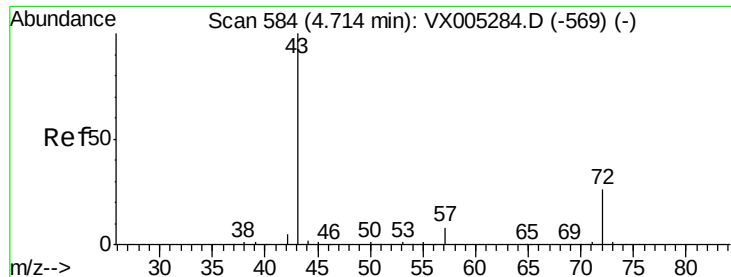
84 100

49 87.2 101.2 151.8#

51 20.3 29.5 44.3#

86 57.0 52.3 78.5





#25

2-Butanone

Concen: 0.58 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.02 min

Lab File: VX005385.D

Acq: 17 Oct 2018 11:18

Instrument :

MSVOA_X

ClientSampled :

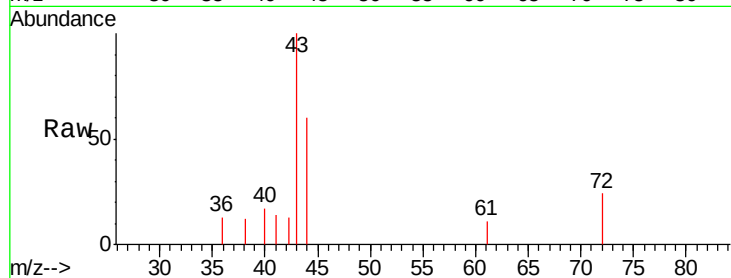
TKDSLUDGE

Tgt Ion: 43 Resp: 1587

Ion Ratio Lower Upper

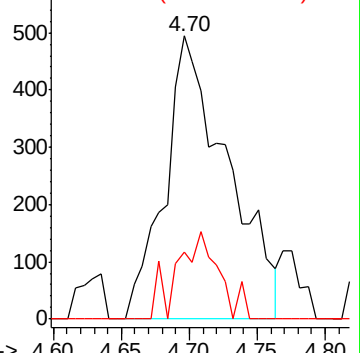
43 100

72 23.7 22.0 33.0

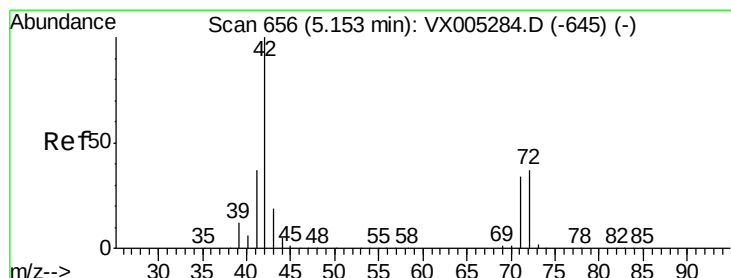
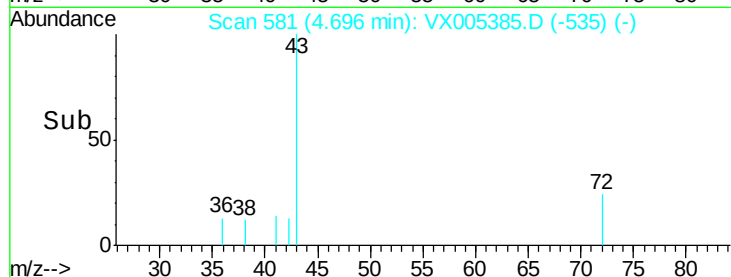


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time--> 4.60 4.65 4.70 4.75 4.80



#29

Tetrahydrofuran

Concen: 0.84 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX005385.D

Acq: 17 Oct 2018 11:18

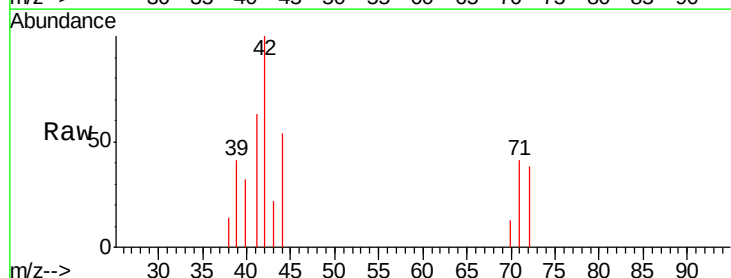
Tgt Ion: 42 Resp: 1476

Ion Ratio Lower Upper

42 100

72 25.8 37.4 56.0#

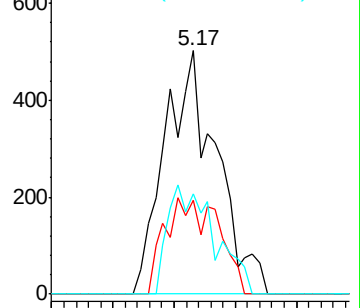
71 40.4 34.5 51.7



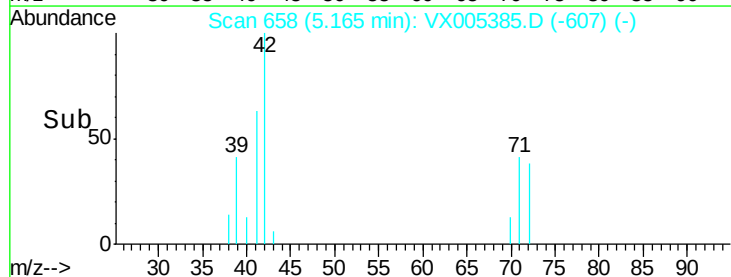
Abundance Ion 42.00 (41.70 to 42.70): VX0

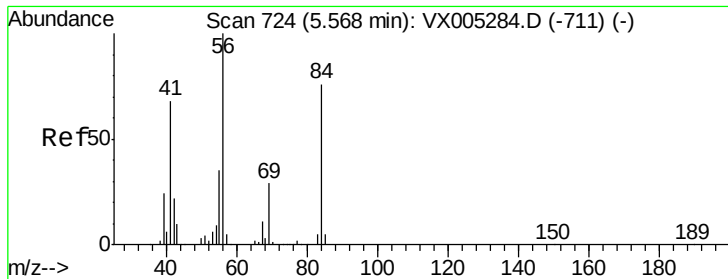
Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



Time--> 5.05 5.10 5.15 5.20 5.25

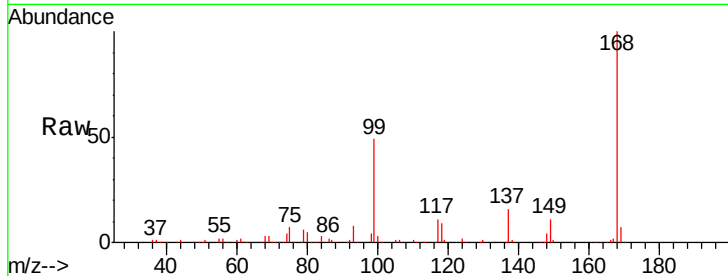




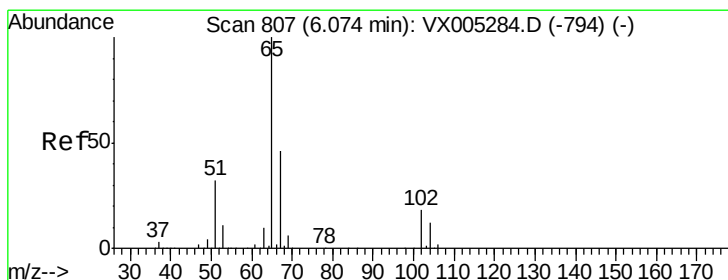
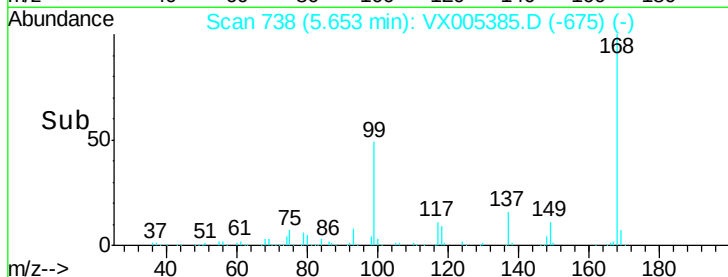
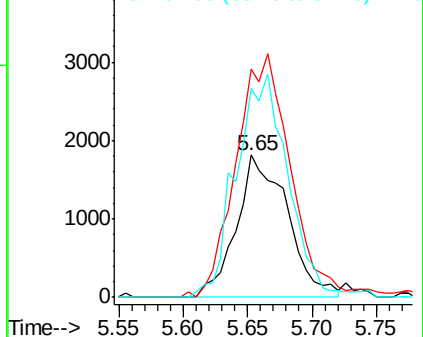
#31
Cyclohexane
Concen: 1.12 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.09 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

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Tgt Ion: 56 Resp: 4992
Ion Ratio Lower Upper
56 100
69 156.9 25.4 38.2#
84 147.0 71.4 107.2#

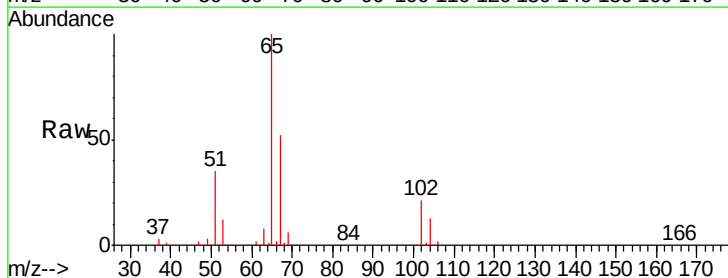


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

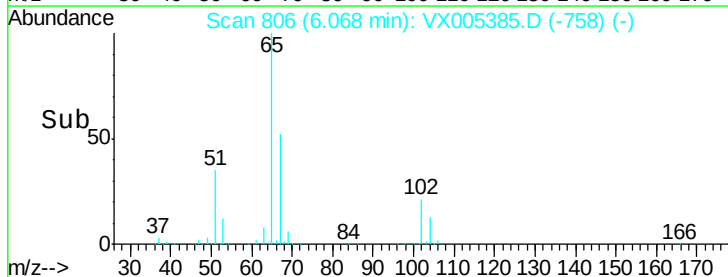
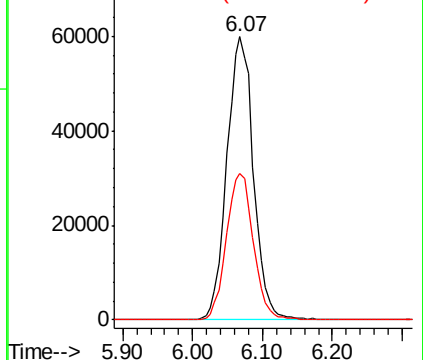


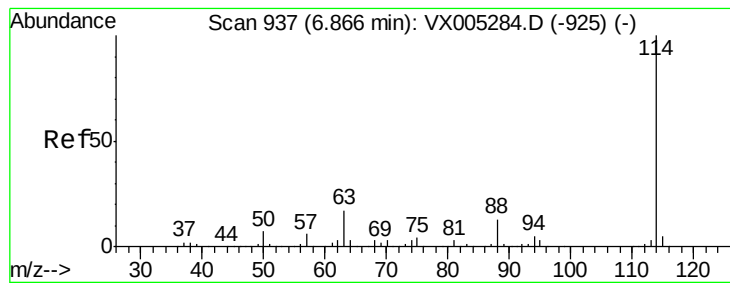
#33
1,2-Dichloroethane-d4
Concen: 48.80 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

Tgt Ion: 65 Resp: 158217
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.01 min

Lab File: VX005385.D

Acq: 17 Oct 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

TKDSLUDGE

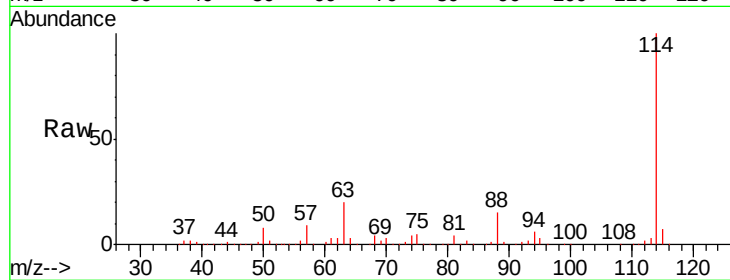
Tgt Ion:114 Resp: 389681

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.0

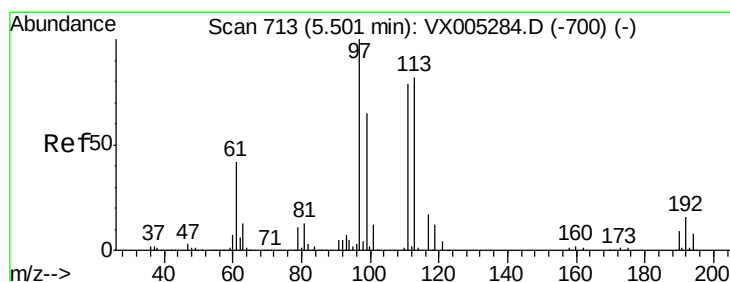
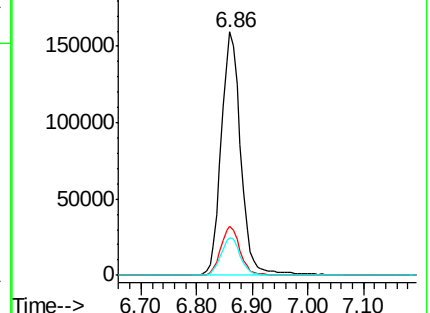
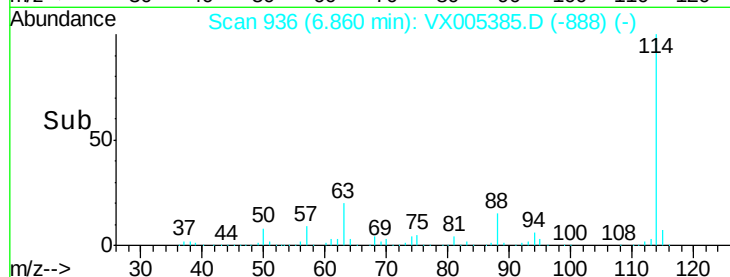
88 15.5 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 50.24 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005385.D

Acq: 17 Oct 2018 11:18

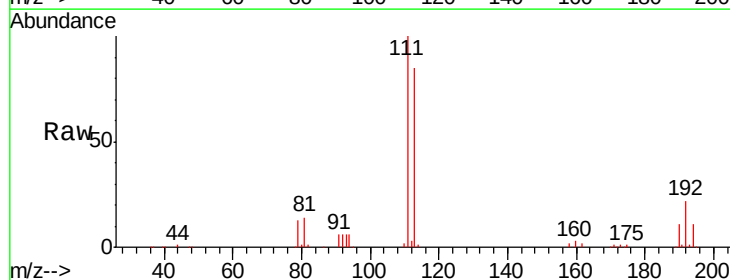
Tgt Ion:113 Resp: 129655

Ion Ratio Lower Upper

113 100

111 104.9 82.4 123.6

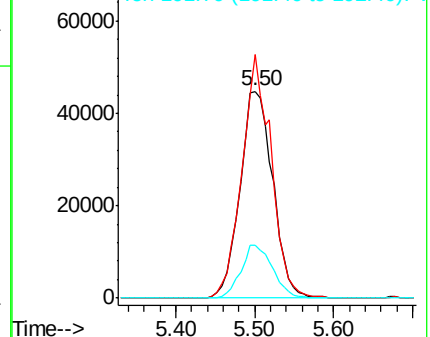
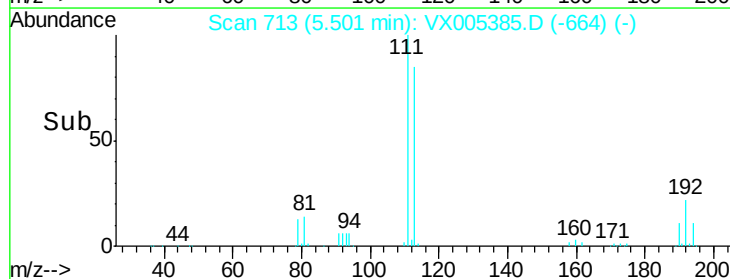
192 24.8 19.4 29.2

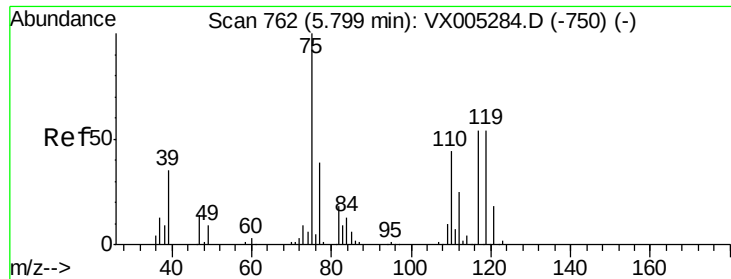


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.16 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX005385.D

Acq: 17 Oct 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

TKDSLUDGE

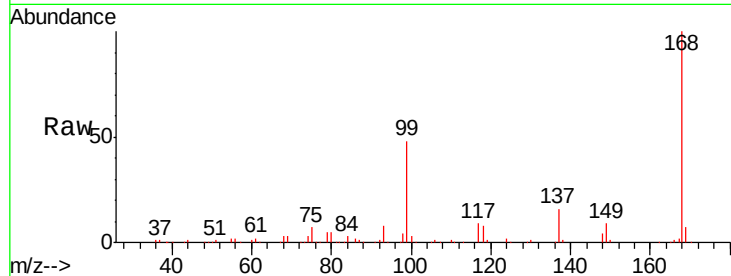
Tgt Ion: 75 Resp: 19480

Ion Ratio Lower Upper

75 100

110 9.2 18.0 54.0#

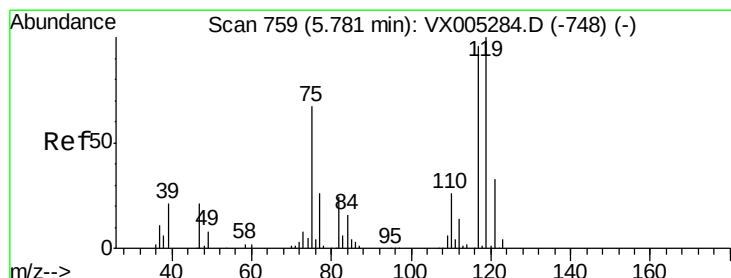
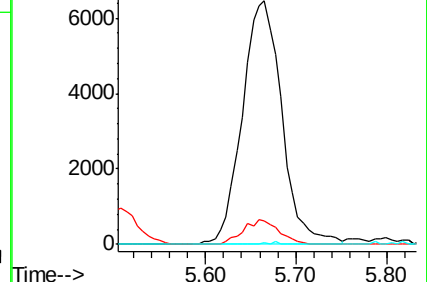
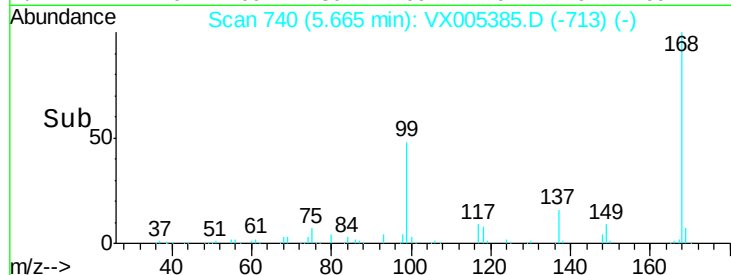
77 0.1 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 6.72 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.13 min

Lab File: VX005385.D

Acq: 17 Oct 2018 11:18

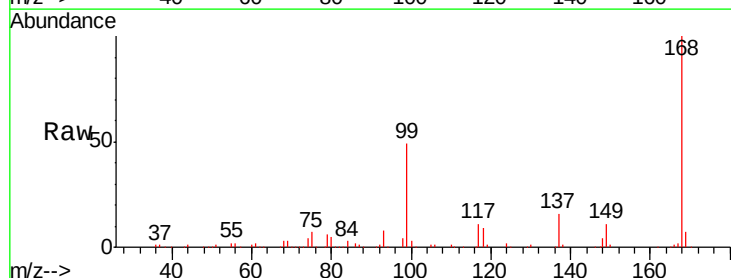
Tgt Ion: 117 Resp: 25467

Ion Ratio Lower Upper

117 100

119 4.9 78.8 118.2#

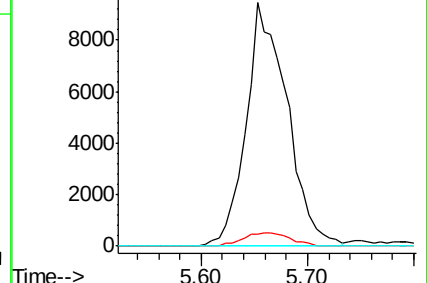
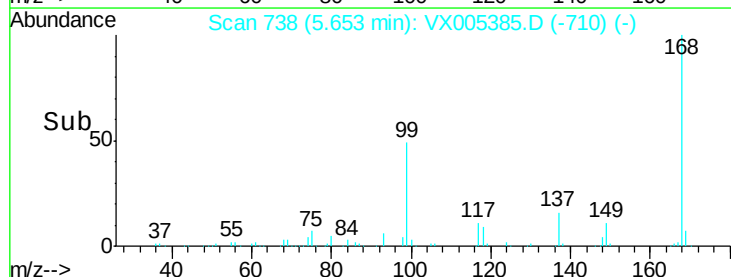
121 0.0 24.9 37.3#

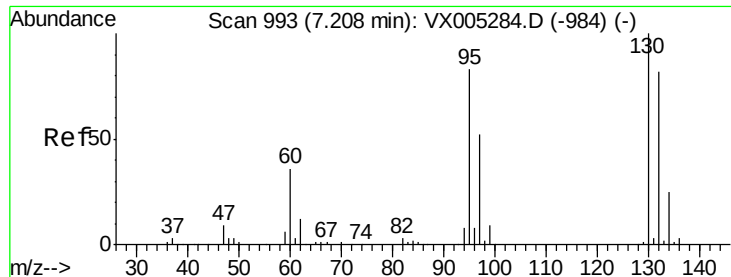


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#44

Trichloroethene

Concen: Below Cal

RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX005385.D

Acq: 17 Oct 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

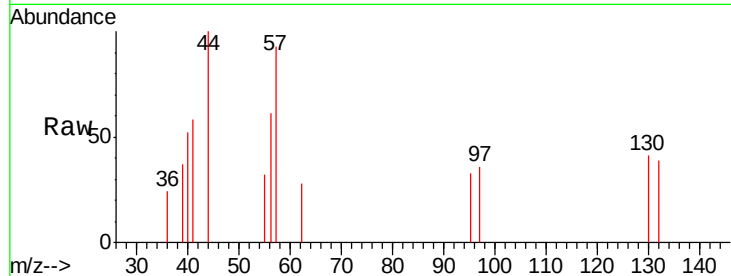
TKDSLUDGE

Tgt Ion:130 Resp: 115

Ion Ratio Lower Upper

130 100

95 81.5 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

100

80

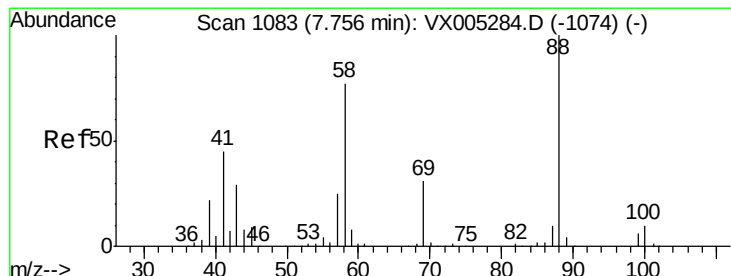
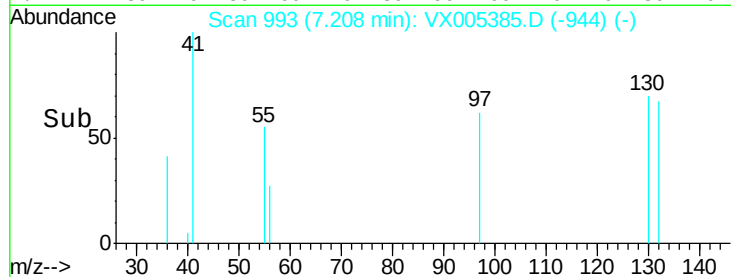
60

40

20

0

Time-->



#49

1,4-Dioxane

Concen: 0.26 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.01 min

Lab File: VX005385.D

Acq: 17 Oct 2018 11:18

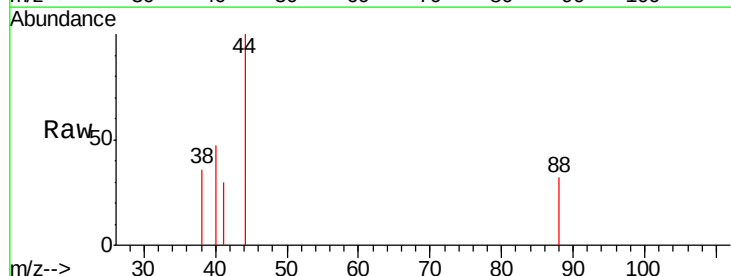
Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 125.0 24.7 37.1#

58 0.0 55.3 82.9#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

80

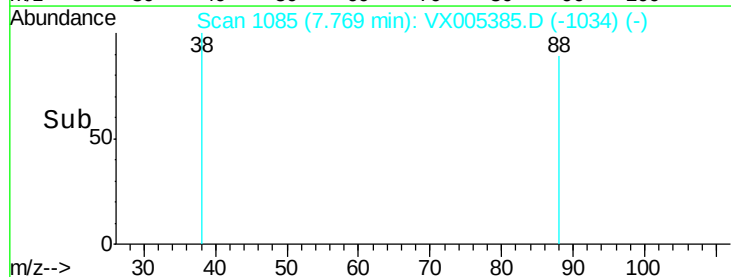
60

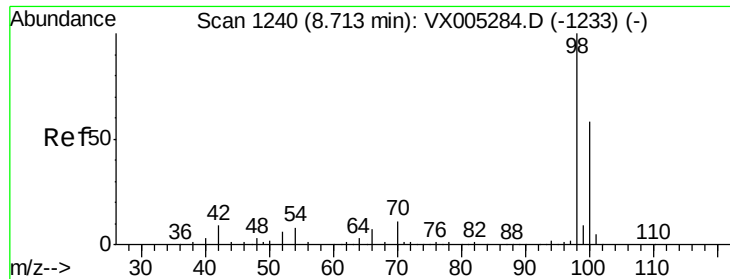
40

20

0

Time-->

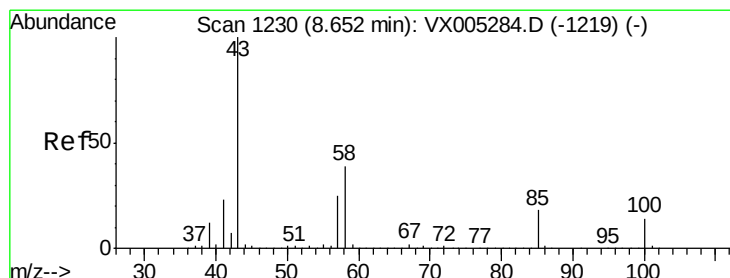
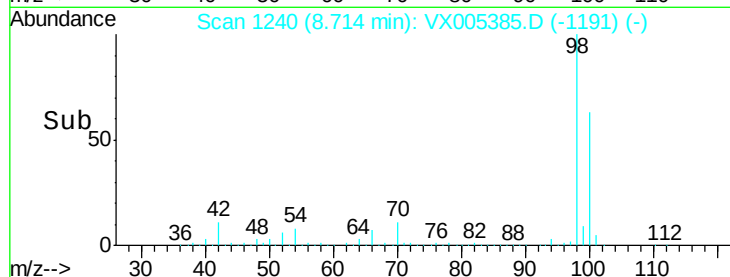
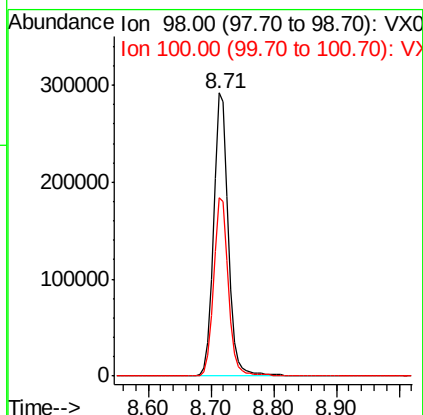
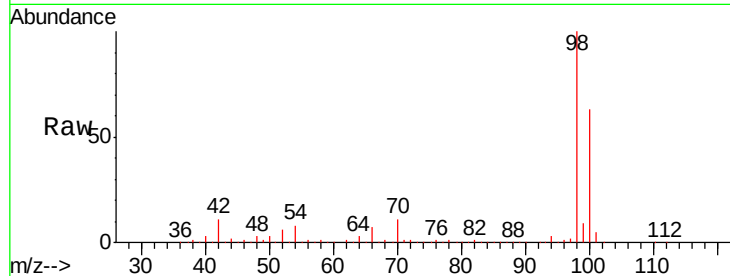




#50
Toluene-d8
Concen: 53.32 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

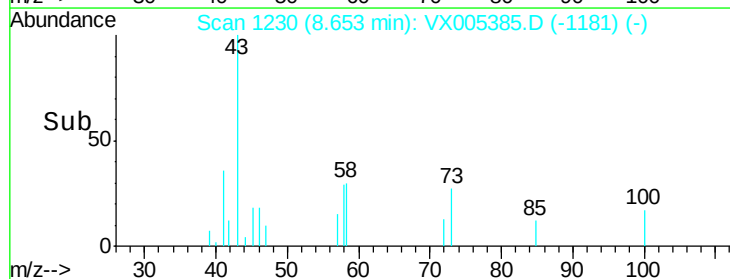
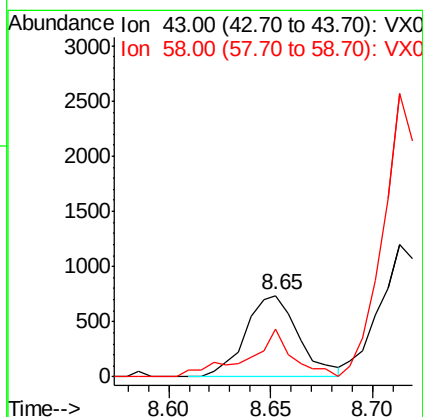
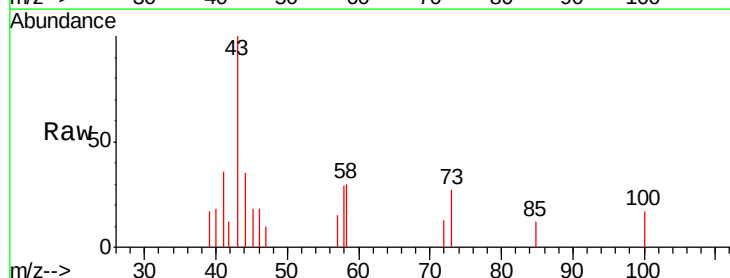
Instrument :
MSVOA_X
ClientSampleId :
TKDSLUDGE

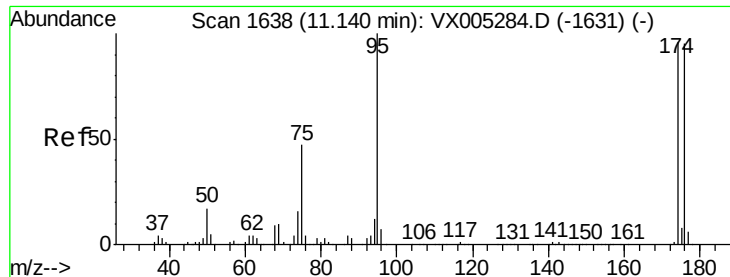
Tgt Ion: 98 Resp: 472466
Ion Ratio Lower Upper
98 100
100 63.3 52.9 79.3



#51
4-Methyl-2-Pentanone
Concen: 0.30 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

Tgt Ion: 43 Resp: 1333
Ion Ratio Lower Upper
43 100
58 49.4 33.1 49.7





#62

4-Bromofluorobenzene

Concen: 48.35 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005385.D

Acq: 17 Oct 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

TKDSLUDGE

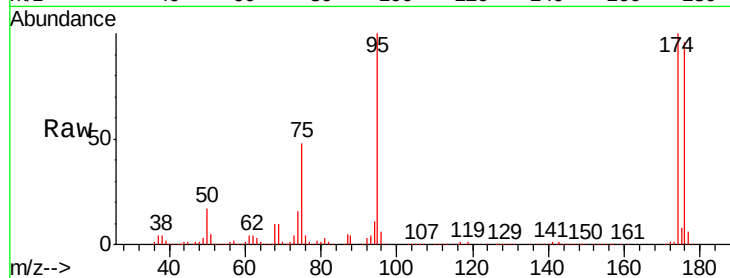
Tgt Ion: 95 Resp: 160940

Ion Ratio Lower Upper

95 100

174 95.5 0.0 185.2

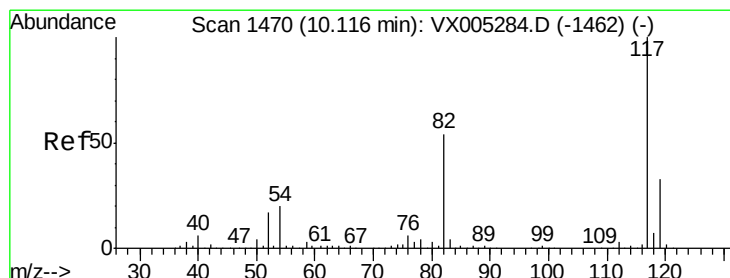
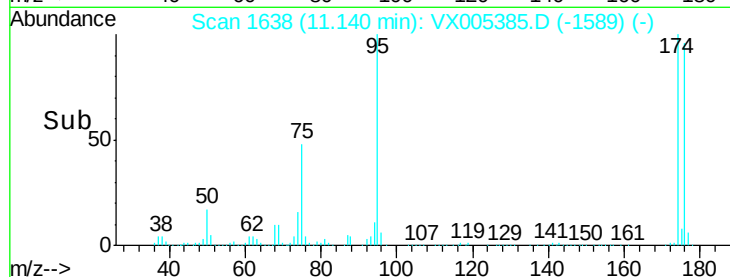
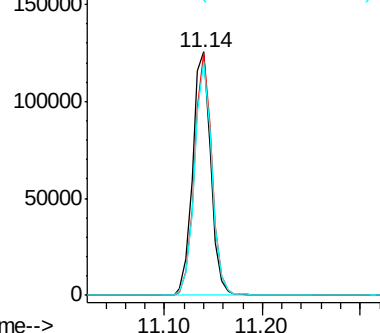
176 92.5 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX005385.D

Acq: 17 Oct 2018 11:18

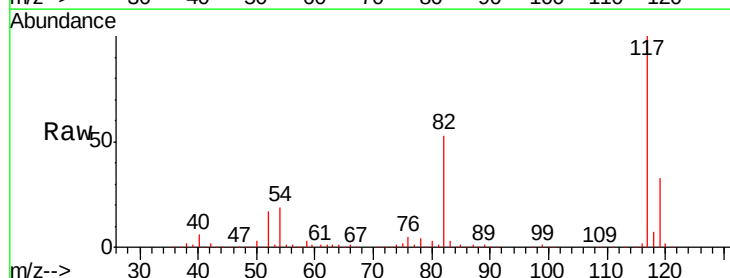
Tgt Ion: 117 Resp: 353768

Ion Ratio Lower Upper

117 100

82 53.1 47.8 71.6

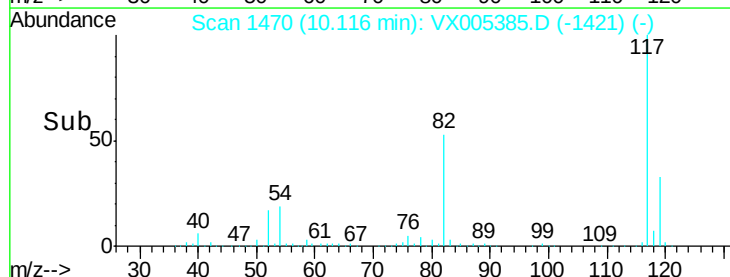
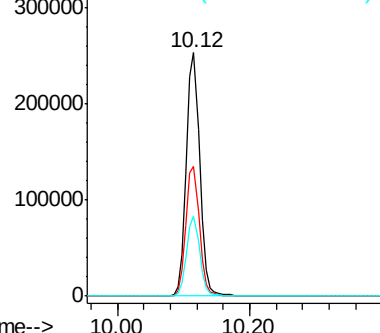
119 32.7 29.3 43.9

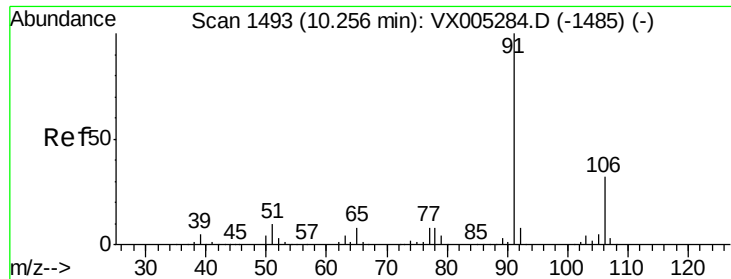


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#67

Ethyl Benzene

Concen: 1.30 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VX005385.D

Acq: 17 Oct 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

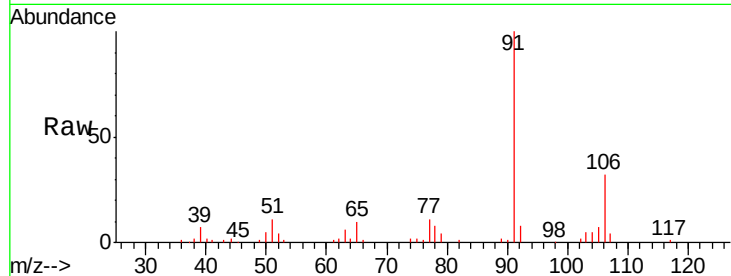
TKDSLUDGE

Tgt Ion: 91 Resp: 15923

Ion Ratio Lower Upper

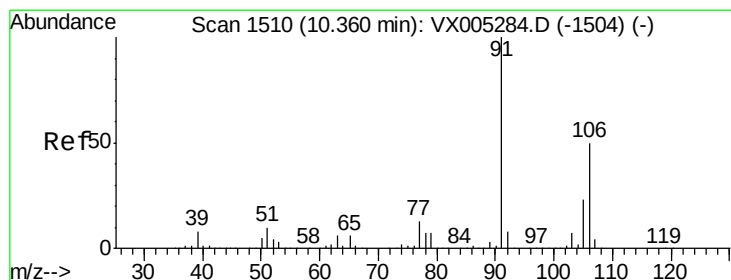
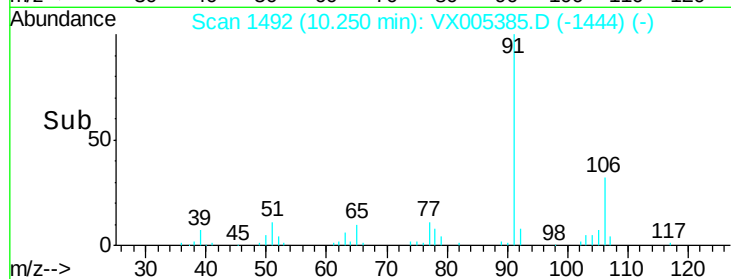
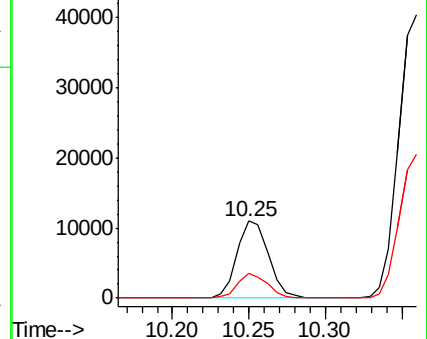
91 100

106 31.9 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX005284.D (-1485) (-)

Ion 106.00 (105.70 to 106.70): VX005284.D (-1485) (-)



#68

m/p-Xylenes

Concen: 6.02 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX005385.D

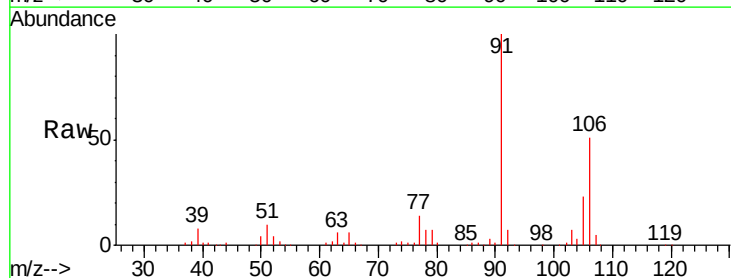
Acq: 17 Oct 2018 11:18

Tgt Ion: 106 Resp: 28590

Ion Ratio Lower Upper

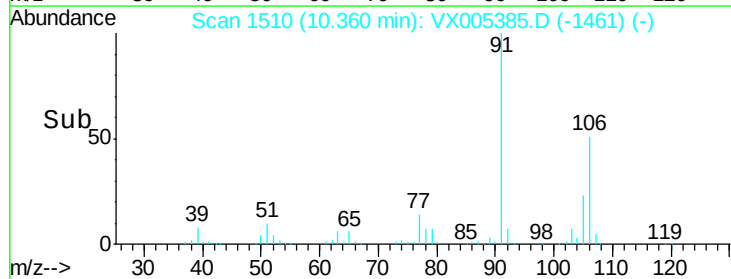
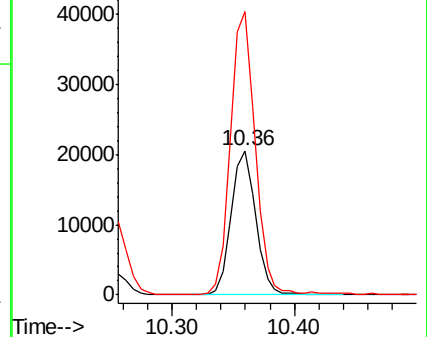
106 100

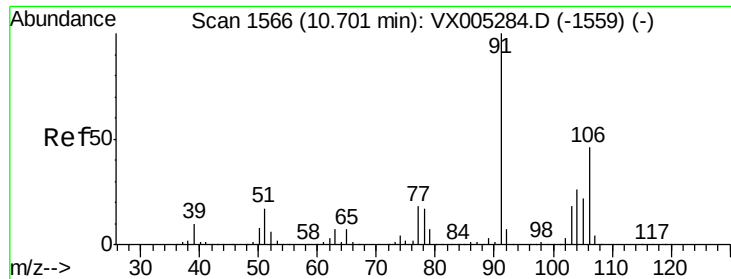
91 198.7 157.1 235.7



Abundance Ion 106.00 (105.70 to 106.70): VX005284.D (-1504) (-)

Ion 91.00 (90.70 to 91.70): VX005284.D (-1504) (-)

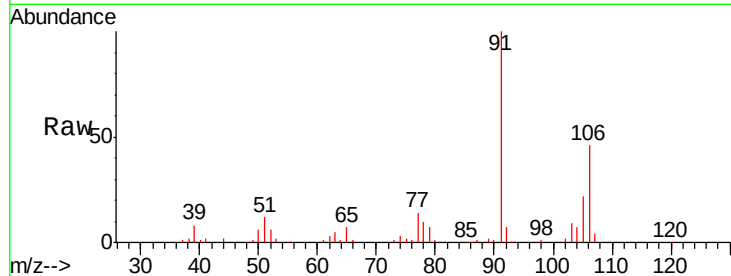




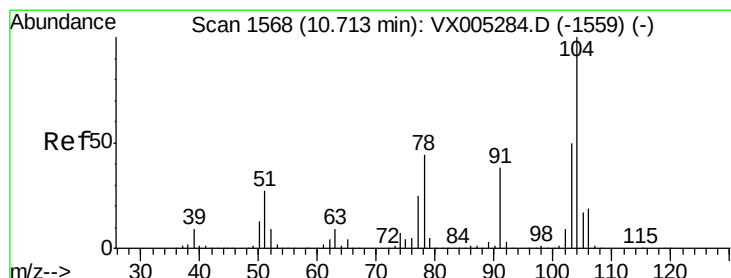
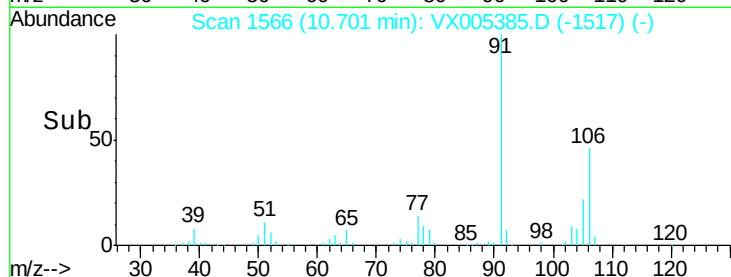
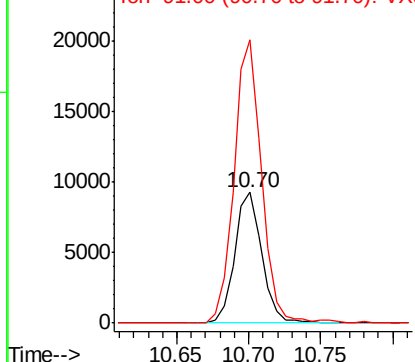
#69
o-Xylene
Concen: 2.67 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

Instrument :
MSVOA_X
ClientSampleId :
TKDSLUDGE

Tgt Ion:106 Resp: 12237
Ion Ratio Lower Upper
106 100
91 218.5 105.1 315.1

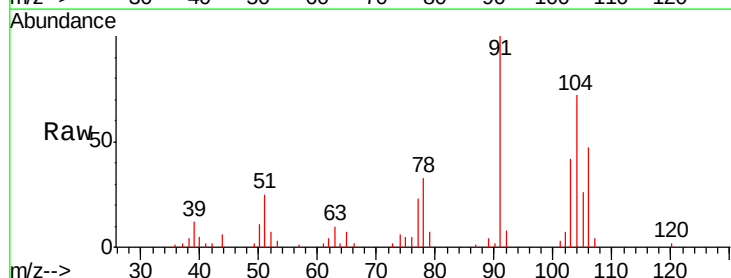


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

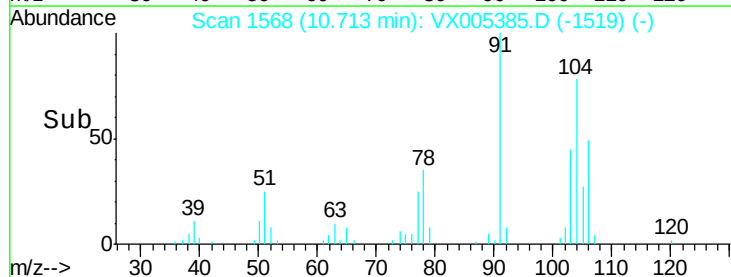
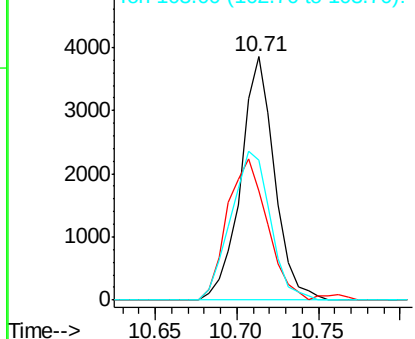


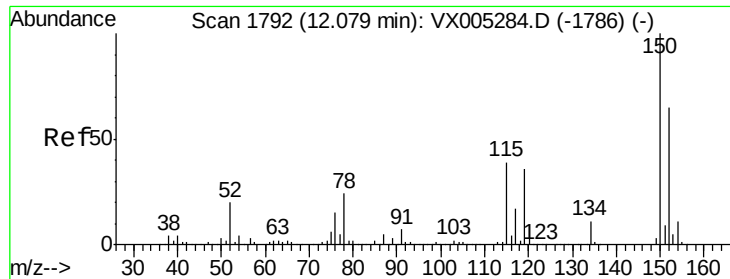
#70
Styrene
Concen: 0.74 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

Tgt Ion:104 Resp: 5585
Ion Ratio Lower Upper
104 100
78 68.3 37.4 56.0#
103 71.2 43.8 65.6#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005385.D

Acq: 17 Oct 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

TKDSLUDGE

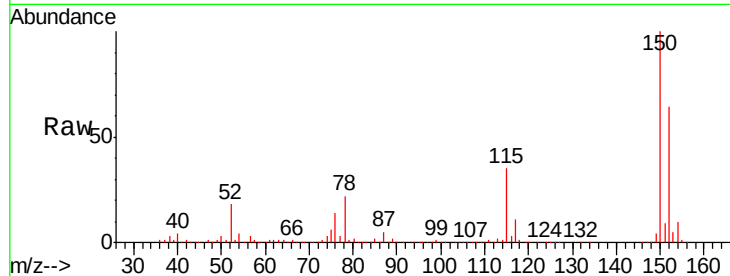
Tgt Ion:152 Resp: 180698

Ion Ratio Lower Upper

152 100

115 54.3 39.0 117.0

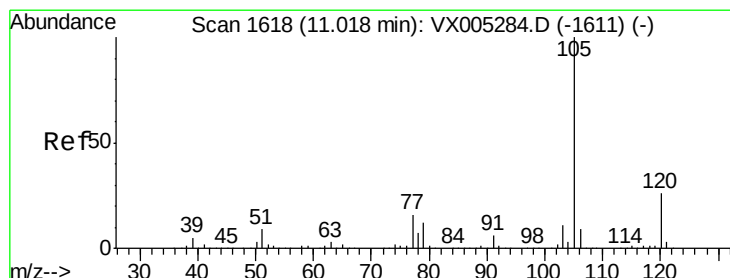
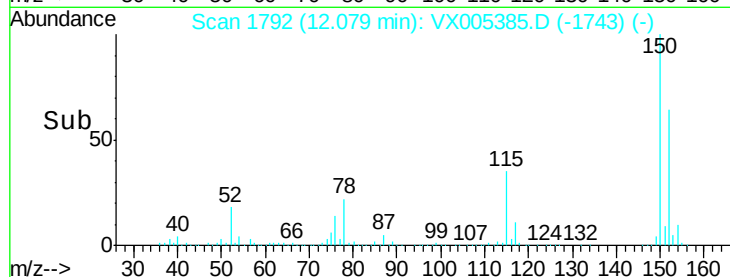
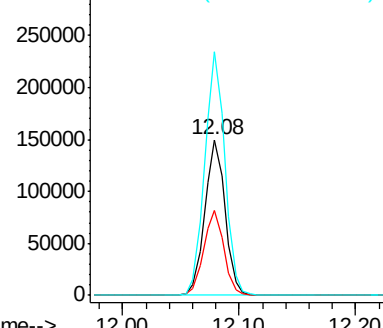
150 155.8 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.23 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005385.D

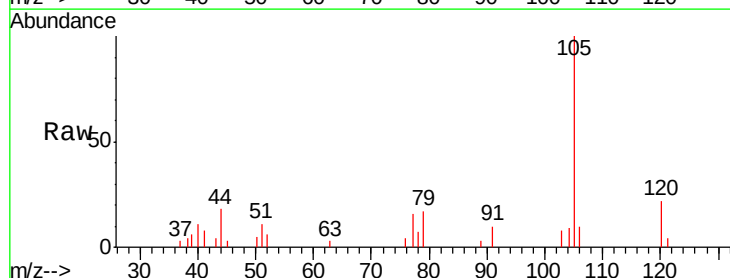
Acq: 17 Oct 2018 11:18

Tgt Ion:105 Resp: 2510

Ion Ratio Lower Upper

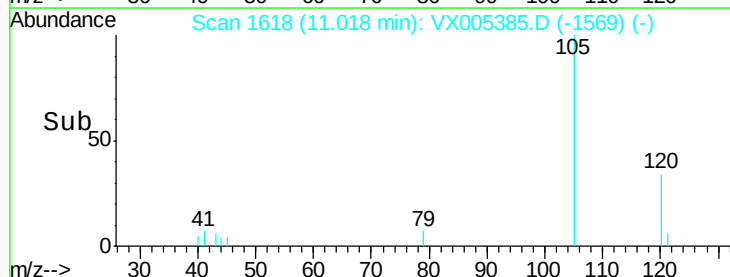
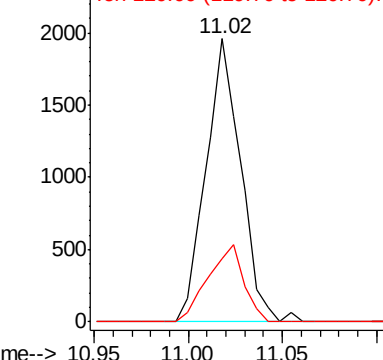
105 100

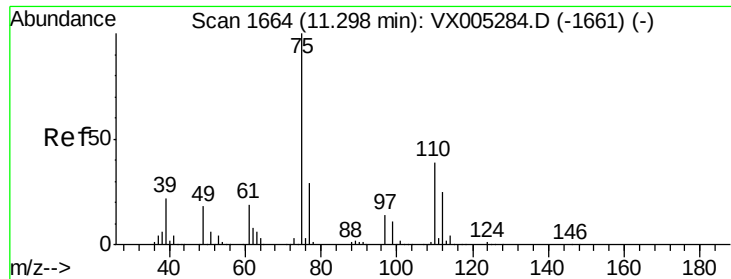
120 27.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

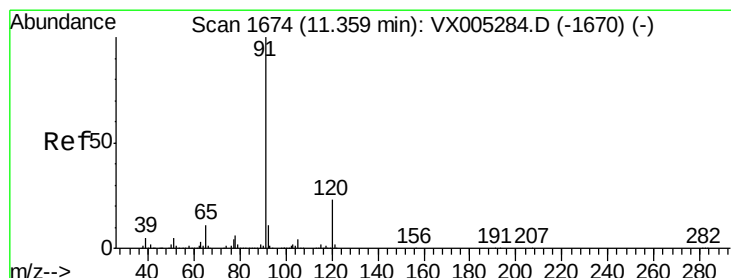
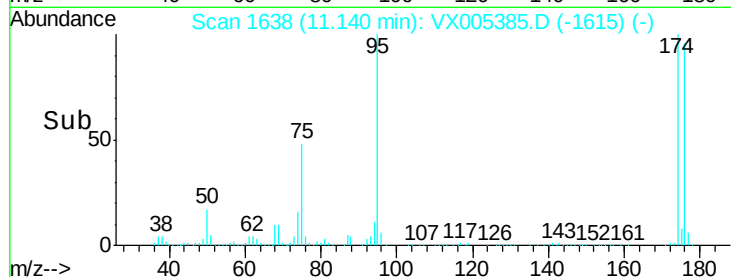
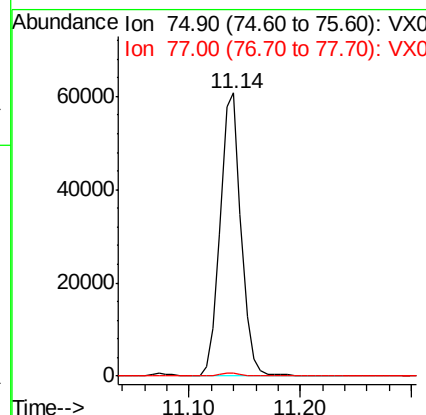
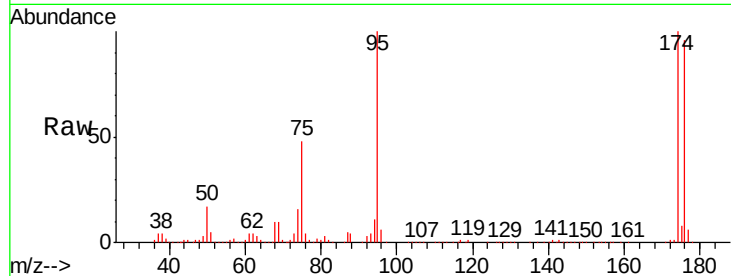




#76
 1,2,3-Trichloropropane
 Concen: 22.49 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.16 min
 Lab File: VX005385.D
 Acq: 17 Oct 2018 11:18

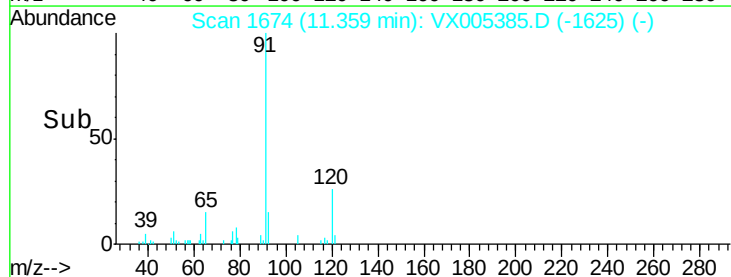
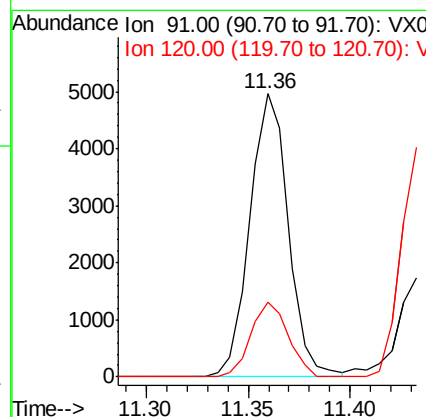
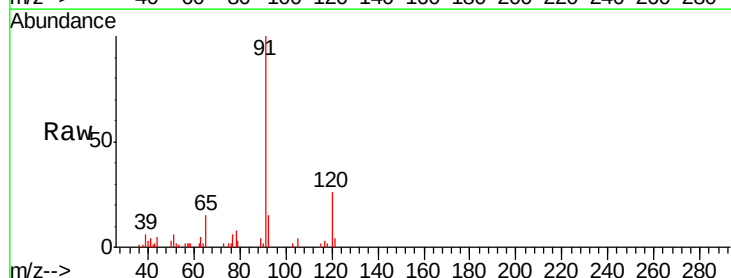
Instrument :
 MSVOA_X
 ClientSampleId :
 TKDSLUDGE

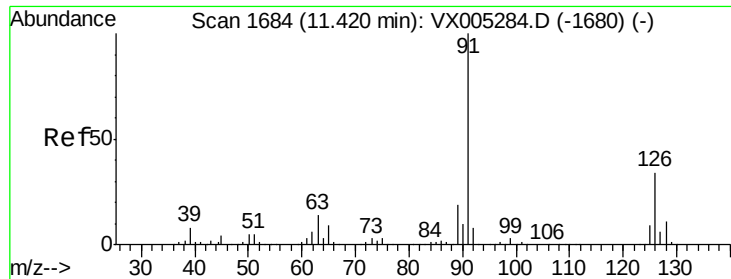
Tgt Ion: 75 Resp: 78843
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.2 60.6#



#78
 n-propylbenzene
 Concen: 0.53 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: VX005385.D
 Acq: 17 Oct 2018 11:18

Tgt Ion: 91 Resp: 6522
 Ion Ratio Lower Upper
 91 100
 120 25.3 11.9 35.9

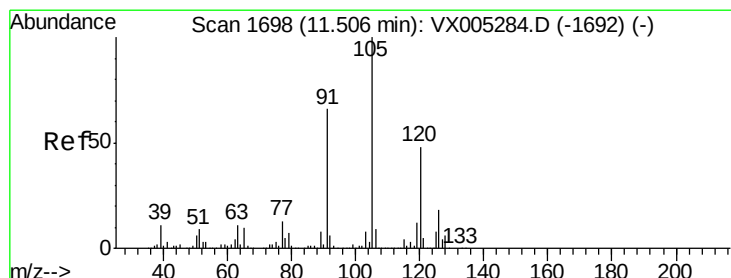
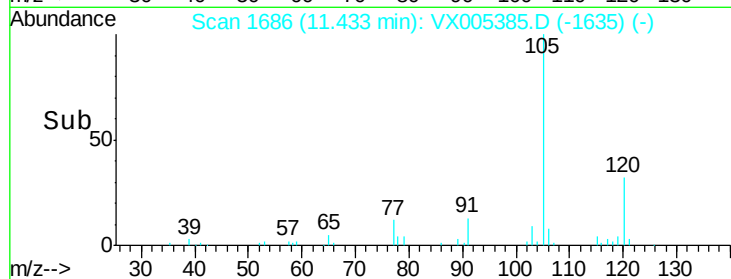
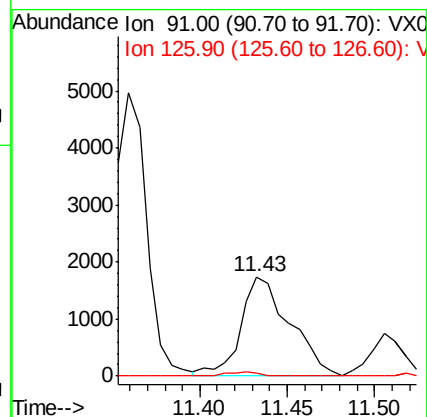
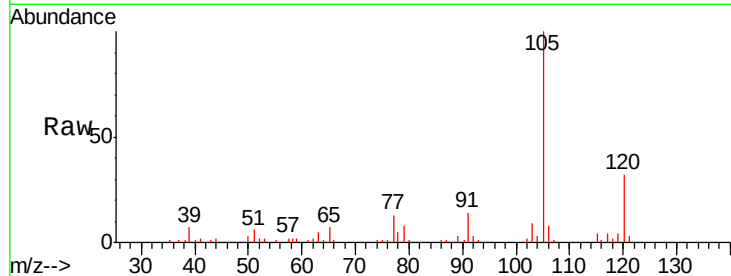




#79
 2-Chlorotoluene
 Concen: 0.45 ug/l
 RT: 11.43 min Scan# 1686
 Delta R.T. 0.01 min
 Lab File: VX005385.D
 Acq: 17 Oct 2018 11:18

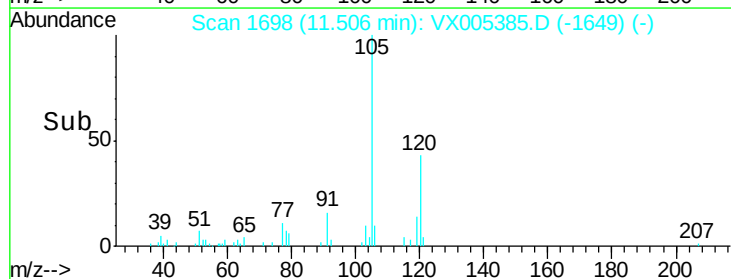
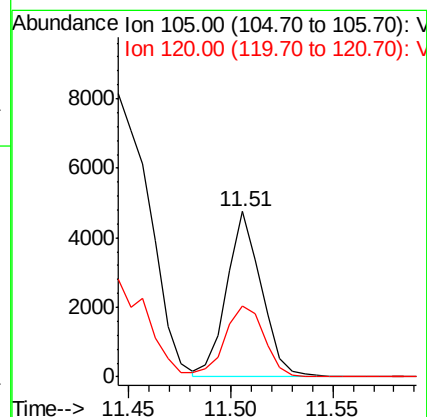
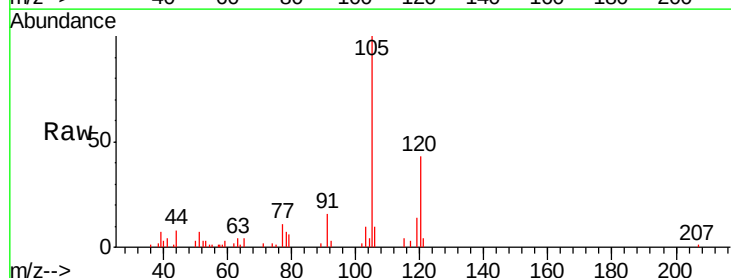
Instrument :
 MSVOA_X
 ClientSampled :
 TKDSLUDGE

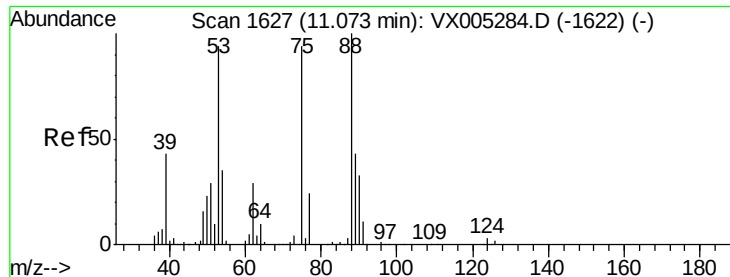
Tgt Ion: 91 Resp: 3401
 Ion Ratio Lower Upper
 91 100
 126 2.8 17.9 53.7#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.61 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX005385.D
 Acq: 17 Oct 2018 11:18

Tgt Ion: 105 Resp: 5610
 Ion Ratio Lower Upper
 105 100
 120 48.6 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 68.35 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX005385.D

Acq: 17 Oct 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

TKDSLUDGE

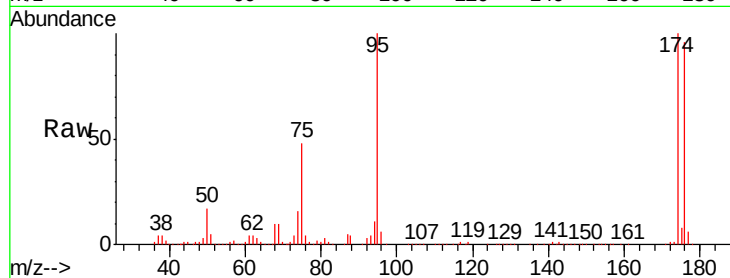
Tgt Ion: 75 Resp: 78843

Ion Ratio Lower Upper

75 100

53 0.2 80.1 120.1#

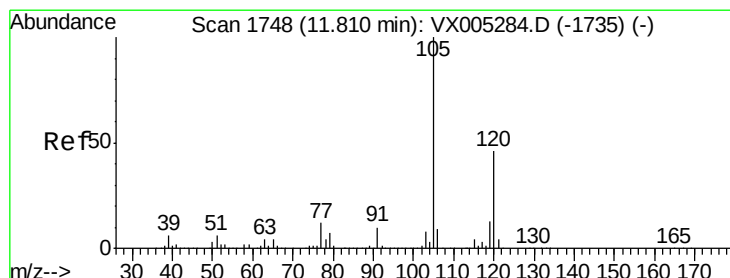
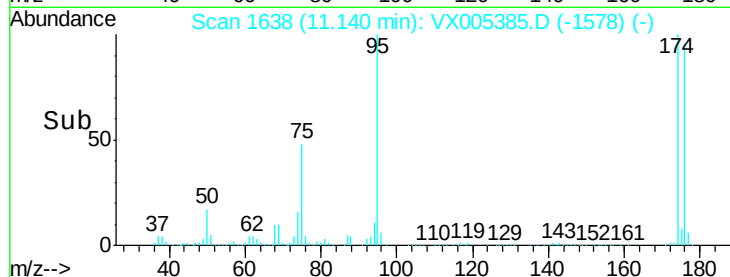
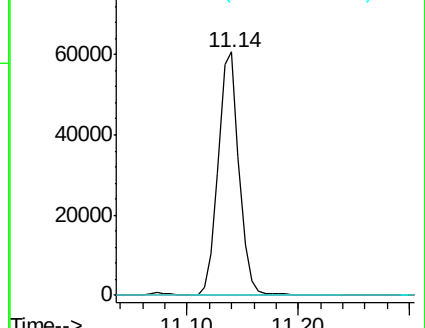
89 0.0 37.2 55.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#84

1,2,4-Trimethylbenzene

Concen: 1.62 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.01 min

Lab File: VX005385.D

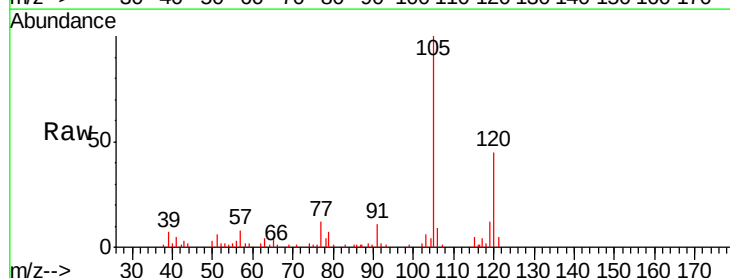
Acq: 17 Oct 2018 11:18

Tgt Ion: 105 Resp: 15343

Ion Ratio Lower Upper

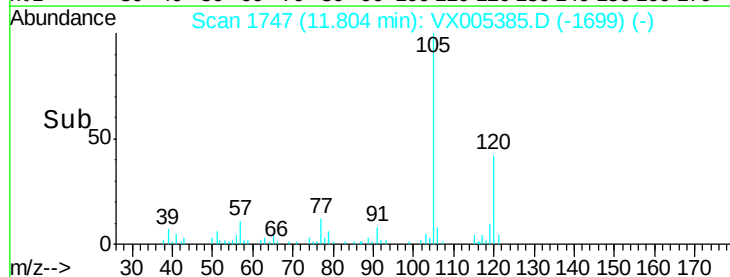
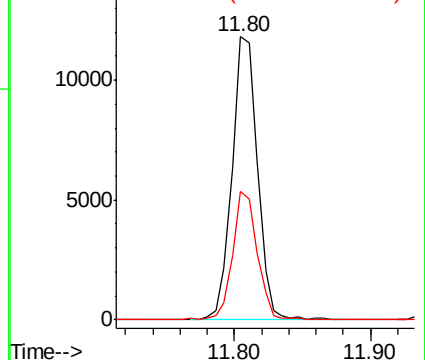
105 100

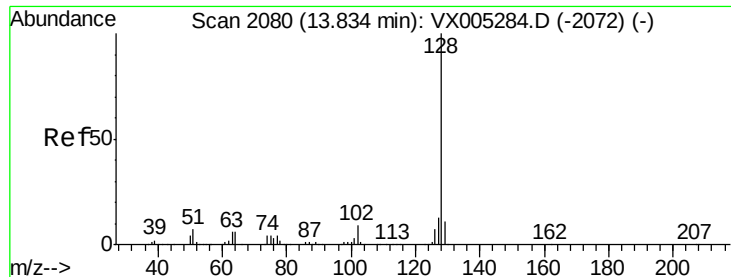
120 44.2 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

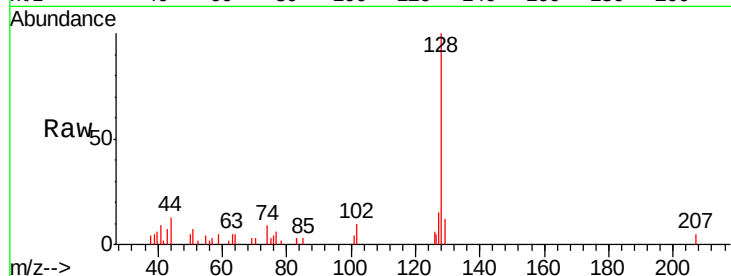




#95
Naphthalene
Concen: 0.26 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

Instrument :
MSVOA_X
ClientSampleId :
TKDSLUDGE

Tgt Ion:128 Resp: 3260
Ion Ratio Lower Upper
128 100
127 13.9 10.2 15.2
129 12.5 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

